

Title (en)

HEAD CHIP, LIQUID JET HEAD AND LIQUID JET RECORDING DEVICE

Title (de)

KOPFCHIP, FLÜSSIGKEITSSTRAHLKOPF UND FLÜSSIGKEITSSTRAHLAUFEZEICHNUNGSVORRICHTUNG

Title (fr)

PUCE DE TÊTE, TÊTE À JET LIQUIDE ET DISPOSITIF D'ENREGISTREMENT À JET LIQUIDE

Publication

EP 3450176 A1 20190306 (EN)

Application

EP 18191851 A 20180830

Priority

JP 2017166724 A 20170831

Abstract (en)

There are provided a head chip, a liquid jet head, and a liquid jet recording device capable of enhancing the reliability. The head chip according to an embodiment of the disclosure includes a first plate having a plurality of pressure chambers adapted to apply pressure to a liquid, a second plate having a plurality of nozzle holes adapted to jet the liquid in response to application of the pressure, and a third plate disposed between the first and second plates, and provided with a plurality of through holes individually communicated with the plurality of pressure chambers and the plurality of nozzle holes, respectively. In the through hole, a second opening region opposed to the second plate is larger than a first opening region opposed to the first plate.

IPC 8 full level

B41J 2/14 (2006.01); **B41J 2/16** (2006.01)

CPC (source: CN EP US)

B41J 2/01 (2013.01 - CN); **B41J 2/07** (2013.01 - CN); **B41J 2/135** (2013.01 - CN); **B41J 2/14209** (2013.01 - EP US); **B41J 2/1433** (2013.01 - EP US); **B41J 2/18** (2013.01 - CN); **B41J 2002/14362** (2013.01 - EP US); **B41J 2002/14475** (2013.01 - EP US); **B41J 2202/08** (2013.01 - EP US); **B41J 2202/12** (2013.01 - EP US)

Citation (applicant)

JP 2006035454 A 20060209 - KONICA MINOLTA HOLDINGS INC

Citation (search report)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3450176 A1 20190306; **EP 3450176 B1 20210922**; CN 109421369 A 20190305; CN 109421369 B 20210312; JP 2019042979 A 20190322; JP 6961426 B2 20211105; US 10500855 B2 20191210; US 2019061350 A1 20190228

DOCDB simple family (application)

EP 18191851 A 20180830; CN 201811013513 A 20180831; JP 2017166724 A 20170831; US 201816117607 A 20180830